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1 Two-dimensional mesh-based visual-object representation for interactive synthetic/natural digital video

Tekalp, A.M.; Van Beek, P.; Toklu, C.; Günsel, B.;

Proceedings of the IEEE , Volume: 86 , Issue: 6 , June 1998

Pages:1029 - 1051

[\[Abstract\]](#) [\[PDF Full-Text \(412 KB\)\]](#) **IEEE JNL**

2 A spatiotemporal model of cyclic kinematics and its application to analyzing nonrigid motion with MR velocity images

Yudong Zhu; Pelc, N.J.;

Medical Imaging, IEEE Transactions on , Volume: 18 , Issue: 7 , July 1999

Pages:557 - 569

[\[Abstract\]](#) [\[PDF Full-Text \(1192 KB\)\]](#) **IEEE JNL**

3 Hierarchical 2-D mesh representation, tracking, and compression for object-based video

van Beek, P.; Tekalp, A.M.; Zhuang, N.; Celasun, I.; Minghui Xia;

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 9 , Issue: 2 , March 1999

Pages:353 - 369

[\[Abstract\]](#) [\[PDF Full-Text \(676 KB\)\]](#) **IEEE JNL**

4 Tracking textured deformable objects using a finite-element mesh

Malassiotis, S.; Srinatzis, M.G.;

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 8 , Issue: 6 , Oct. 1998

Pages:756 - 774

[\[Abstract\]](#) [\[PDF Full-Text \(620 KB\)\]](#) **IEEE JNL**

5 Feature-adaptive motion tracking of ultrasound image sequences using deformable mesh*Fai Yeung; Levinson, S.F.; Dongshan Fu; Parker, K.J.;*Medical Imaging, IEEE Transactions on , Volume: 17 , Issue: 6 , Dec. 1998
Pages:945 - 956[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) IEEE JNL

6 Evaluation of mesh-based motion estimation in H.263-like coders*Tao Wang; Ostermann, J.;*Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 8 , Issue: 3 , June 1998
Pages:243 - 252[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) IEEE JNL

7 Occlusion-adaptive, content-based mesh design and forward tracking*Altunbasak, Y.; Tekalp, A.M.;*Image Processing, IEEE Transactions on , Volume: 6 , Issue: 9 , Sept. 1997
Pages:1270 - 1280[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) IEEE JNL

8 Closed-form connectivity-preserving solutions for motion compensation using 2-D meshes*Altunbasak, Y.; Tekalp, A.M.;*Image Processing, IEEE Transactions on , Volume: 6 , Issue: 9 , Sept. 1997
Pages:1255 - 1269[\[Abstract\]](#) [\[PDF Full-Text \(632 KB\)\]](#) IEEE JNL

9 Use of two-dimensional deformable mesh structures for video coding: The analysis problem and a region-based coder employing an active region representation*Yao Wang; Lee, O.; Vetro, A.;*Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 6 , Issue: 6 , Dec. 1996
Pages:647 - 659[\[Abstract\]](#) [\[PDF Full-Text \(2760 KB\)\]](#) IEEE JNL

10 Use of two-dimensional deformable mesh structures for video coding: The synthesis problem: mesh-based function approximation and mapping*Yao Wang; Lee, O.;*Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 6 , Issue: 6 , Dec. 1996
Pages:636 - 646[\[Abstract\]](#) [\[PDF Full-Text \(1076 KB\)\]](#) IEEE JNL

11 Tracking myocardial deformation using phase contrast MR velocity fields: a stochastic approach*Meyer, F.G.; Constable, R.T.; Sinusas, A.J.; Duncan, J.S.;*

Medical Imaging, IEEE Transactions on , Volume: 15 , Issue: 4 , Aug. 1996

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[\[Abstract\]](#) [\[PDF Full-Text \(1984 KB\)\]](#) IEEE JNL

12 Fast motion estimation for 2D triangular mesh based image coding

Hak Soo Kim; Taekhyun Yun; Kyu Tae Park;

Electronics Letters , Volume: 34 , Issue: 6 , 19 March 1998

Pages:540 - 541

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) IEE JNL

13 Overlapped patch elimination algorithm for deformable mesh video coding

Yung-Ming Chou; Hsueh-Ming Hang;

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14 Efficient hybrid tree/linear array architectures for block-matching motion estimation algorithms

Chen, M.-J.; Chen, L.G.; Cheng, K.-N.; Chen, M.C.;

Vision, Image and Signal Processing, IEE Proceedings- , Volume: 143 , Issue: 4 , Aug. 1996

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15 Moving visual representations of video objects for content-based search and browsing

Gunsel, B.; Murat Tekalp, A.; van Beek, P.J.L.;

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Pages:502 - 505 vol.2

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1 Combined mesh based image representation and motion estimation, application to video coding

Lechat, P.; Sanson, H.;

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2 Limitation of triangles overlapping in mesh-based motion estimation using augmented Lagrangian

Laurent, N.; Lechat, P.; Sanson, H.;

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